METHOD FOR ADAPTING A SOFTWARE PRODUCT TO AN ENVIRONMENT

ABSTRACT

A method for adapting a software product to an environment is provided that comprises providing the software product with a first portion of code including instructions for performing a predetermined function. At least one aspect of performing the predetermined function is controllable by an operating parameter value. The operating parameter value, a mutation rate and a set of probabilistic mutation criteria are stored in a second portion of code. The method further comprises, responsive to an occurrence of a predetermined event associated with the environment, using the mutation rate and the probabilistic mutation criteria to determine if the operating parameter value should mutate, and changing the operating parameter value in response to a determination that the operating parameter value should mutate.

NYN #690773 v1